|               | Index of Claims   |          |  |          |  |          |          |          |           |            |            |          |             | A        | Application No. |               |          |              |                    |          |           |          |     |              | Applicant(s) |               |         |        |         |        |          |          |
|---------------|-------------------|----------|--|----------|--|----------|----------|----------|-----------|------------|------------|----------|-------------|----------|-----------------|---------------|----------|--------------|--------------------|----------|-----------|----------|-----|--------------|--------------|---------------|---------|--------|---------|--------|----------|----------|
| 1             |                   |          | Ш  |          |  |          |          |          |           |            |            |          |             |          | 10/007,422      |               |          |              |                    |          |           |          |     |              |              | SHIRAYANAGI,  |         |        |         |        |          |          |
|               |                   |          | Ш  | Ш        | Ш  |          |          |          | Ш         | Ш          |            |          |             |          | Examiner        |               |          |              |                    |          |           |          |     |              | Art Unit     |               |         |        |         |        |          |          |
| ,             |                   |          | Ш  | Ш        |  |          |          |          | Ш         | Ш          |            |          |             |          |                 |               |          |              |                    |          |           |          |     |              |              |               |         |        |         |        | -        |          |
|               | \$ [ <b>11]</b> ] |          |  |          |  |          |          |          |           |            |            |          |             |          |                 | Laura A Grier |          |              |                    |          |           |          |     |              | 2644         |               |         |        |         |        |          |          |
|               |                   | 1        | R  | eje      | cte  | ed       |          |          | -         | (Т         | hrou<br>Ca | gh r     | num<br>Ileo | ner:     | al)             |               |          | N            | No                 | on-      | -Elec     | tec      | 1   |              | A            |               | Αį      | ppe    | al      |        |          |          |
|               |                   | =        |  |          |  |          |          |          | ÷         | Restricted |            |          |             | t        |                 |               |          | 1            | Interfere          |          | fere      | nce      |     |              | 0            | Objected      |         |        |         |        |          |          |
| Cla           |                   | Date     |  |          |  |          |          |          |           |            | Cla        | Claim    |             |          |                 | D             | ate      | <del>-</del> |                    |          |           | Clair    | m   |              | Date         |               |         |        |         |        |          |          |
|               | al                | 2        |  |          |  |          |          |          |           |            |            | <u></u>  |             |          |                 |               |          |              |                    | T        |           |          | Т   | <del>-</del> |              | Т             | T       | Т      | Т       |        |          |          |
| Final         | Original          | 200      |  |          |  |          |          |          |           |            | Final      | Original |             |          |                 |               |          | :            |                    |          |           | ü        |     | Original     |              |               |         |        |         |        |          |          |
| $\dashv$      | 1                 | 1        | -  | $\vdash$ | -  |          | -        | 十        | ╁         | -          | $\vdash$   | 51       | Н           | Н        | $\dashv$        | -+            | ᅱ        | -            | $\dashv$           | $\dashv$ | $\dashv$  | -        | +   | 101          | $\dashv$     | $\dashv$      | +       | +      | ╁       | ╁╴     | ╁        | ╁        |
| 一十            | 2                 | 1        |  | ┢        | 1  | $\vdash$ | H        | 寸        | 十         | 1          |            | 52       | $\vdash$    |          | $\dashv$        | _             | 寸        | 一            | $\top$             | $\dashv$ | _         | $\vdash$ |     | 102          | $\dashv$     | $\top$        | 十       | +      | ╁       | ╁      | t        | H        |
| $\neg$        | 3                 | 7        |  |          |  |          |          | T        |           | 1          |            | 53       |             |          | $\Box$          | T             |          |              |                    | $\dashv$ |           |          |     | 103          |              | 7             | ┪       | 十      | 1       | ╁      | T        | $\vdash$ |
|               | 4                 | V        |  |          |  |          |          |          | $\Box$    | ]          |            | 54       |             |          |                 |               |          |              |                    |          | 7         |          |     | 104          |              | 丁             | T       | T      | $\top$  | 1      | T        | П        |
|               | 5                 | \        |  |          |  |          |          |          |           | ]          |            | 55       |             |          |                 |               |          |              |                    |          |           |          |     | 105          |              |               |         |        |         | $\top$ |          |          |
|               | 6                 | V        |  | L        |  |          |          |          | _ _       | _          |            | 56       |             |          |                 |               |          |              |                    |          |           |          |     | 106          |              |               |         |        | $\perp$ |        |          |          |
| $\Rightarrow$ | 7                 | $\vdash$ | <u> </u>                                     | ㄴ        | <u> </u>   | _        |          | 4        | 4         | 4          |            | 57       |             |          |                 | $\dashv$      | $\perp$  | _            | _                  | _        | _         |          |     | 107          | _            | _ _           | $\perp$ |        | 1.      | _      | 乚        | 上        |
| _             | 8                 | <u>/</u> | <u> </u>                                     | _        | _  |          | $\Box$   | 4        | 4         | 4          |            | 58       | Ш           |          |                 | 4             | 4        | _            | _                  | 4        | _         | _        |     | 108          | 4            | 4             | 4       | _      | 4       | ↓      | ↓_       | <u> </u> |
| $\dashv$      | 9                 | V        | ▙  | ⊢        | ├-   |          |          | -        | +         |            | <u></u>    | 59       | Н           | _        | $\dashv$        | 4             | -        | -            | -                  | -        | 4         | -        |     | 109          | -4           | +             | +       | +      | 4       | +      | <u> </u> | ـــــ    |
| -             | 10<br>11          | 2        | <u>r                                    </u> |          | -  | $\vdash$ | $\vdash$ | $\dashv$ | +         | $\dashv$   |            | 60<br>61 | $\vdash$    |          | $\dashv$        |               | -        |              |                    | -        |           | -        |     | 110          | -            |               |         | +      | +-      | +      | ┢        | ▙        |
| $\dashv$      | 12                | 1        | $\vdash$                                     | ├        | -  | -        | $\vdash$ | $\dashv$ | +         | $\dashv$   | -          | 62       | $\vdash$    | $\vdash$ | $\dashv$        | $\dashv$      | $\dashv$ |              | +                  | $\dashv$ | $\dashv$  | $\vdash$ |     | 11<br> 12    | $\dashv$     | +             | +       | +      | +-      | +      | ╁        | ┢        |
| $\dashv$      | 13                | 1        | -  |          | ├  | -        | ₩        | +        | ╅         | -          | $\vdash$   | 63       | $\vdash$    | $\vdash$ | -               | $\dashv$      | -        | $\dashv$     | +                  | $\dashv$ | $\dashv$  | $\vdash$ |     | 113          | $\dashv$     | -             | +       | +      | ╁       | +      | ╁        | ┼        |
| -+            | 14                | Ť        | $\vdash$                                     | ┝        | ╁╌   | $\vdash$ | $\vdash$ | $\dashv$ | ╅         | ┨          | $\vdash$   | 64       | Н           |          | -               | $\dashv$      | $\dashv$ | $\dashv$     | +                  | $\dashv$ |           | $\vdash$ |     | 114          | +            |               | +       | +-     | ╂       | +-     | ╁        | ┢        |
| $\dashv$      | 15                | _        | -  | ┢        | ╁  | -        | $\vdash$ | -        | ╅         | ┨          | $\vdash$   | 65       | Н           | -        | -               | +             | -        | $\dashv$     | +                  | $\dashv$ | -         | $\vdash$ |     | 115          | +            | +             | +       | ╁      | +       | +      | +        | ┼        |
| _             | 16                | -        | $\vdash$                                     | <u> </u> | <del>                                     </del> |          | $\vdash$ | 十        | 十         | ┪          | $\vdash$   | 66       | $\vdash$    |          | $\vdash$        |               | _        | $\neg$       | $\dashv$           | +        | $\dashv$  | $\vdash$ |     | 116          | +            |               | +       | +      | +       | +      | +        | ╁        |
|               | 17                |          | Н  | ┢        | 1-   | ┪        |          | 寸        | ┪         | 1          | $\vdash$   | 67       | $\vdash$    |          | $\vdash$        |               | $\dashv$ | 一            | $\dashv$           | $\dashv$ |           | $\vdash$ |     | 117          | 7            | _             | ╅       | +      | ╁       | ╁      | 1        | ╁        |
| $\dashv$      | 18                |          | Г  | 1        | <del>                                     </del> | Г        | $\vdash$ | _        | +         | 1          |            | 68       | $\vdash$    | $\vdash$ | $\Box$          | $\dashv$      | 7        |              | $\dashv$           | +        | $\dashv$  | $\vdash$ |     | 118          | $\dashv$     | $\top$        | +       | +      | +       | +      | $\vdash$ | $t^{-}$  |
| $\neg$        | 19                |          |  | T        |  | Г        | $\Box$   | $\dashv$ | T         | 7          |            | 69       | П           | $\Box$   | $\sqcap$        | _             |          | $\dashv$     | 7                  | 7        | $\exists$ |          |     | 119          | 7            |               | +       | 十      | $\top$  | +      | T        | T        |
| $\neg$        | 20                |          |  |          | T -  |          | $\Box$   | $\dashv$ | T         | 7          |            | 70       | П           |          |                 | $\dashv$      | $\neg$   | _            | $\top$             | 寸        | ٦.        |          |     | 20           | $\neg$       | _             | 1       | $\top$ | 1       | $\top$ | 1        | †        |
|               | 21                |          |  |          |  |          |          | 寸        | T         | 7          |            | 71       |             |          | $\Box$          | $\neg$        | ┪        |              | $\neg$             | T        | $\neg$    | -        | 1   | 21           | $\neg$       | $\neg   \neg$ | T       | $\top$ | $\top$  | $\top$ |          | $\vdash$ |
|               | 22                |          |  |          |  |          |          | 丁        | $oxed{T}$ |            |            | 72       |             |          |                 |               |          |              |                    |          |           |          | _ 1 | 22           |              |               | T       |        | $\top$  | $\top$ |          |          |
|               | 23                |          |  |          |  |          |          |          | floor     |            |            | 73       |             |          |                 |               |          |              |                    |          |           |          |     | 23           | 丁            |               |         |        |         | Τ      | Π        |          |
| $\Box$        | 24                |          |  |          |  |          |          |          | $\perp$   |            |            | 74       |             |          |                 |               |          |              |                    | J        |           |          |     | 24           |              |               | Ι       | Ι      | I       |        |          |          |
| $\prod$       | 25                |          |  | L        |  |          | П        | $\bot$   | $\perp$   | _          |            | 75       |             |          |                 | $\Box$        | $\Box$   |              | $oldsymbol{\perp}$ |          |           |          |     | 25           | $\Box$       | $\Box \Box$   | Ι       |        |         |        |          |          |
| - 1           | 26                |          |  | ł        | 1  | 1        | 1 1      |          | - [       | 1          | 1          | 76       | 1 }         |          |                 | - [           | - 1      | Ī            | - 1                |          | - 1       | 1        | 11  | 26           | ſ            | - [           | 1       |        | 1       |        | 1        | 1        |

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